
Beam Delivery Systems and the Machine-Detector Interface

Terms of Reference for the CLIC-ILC Collaboration Working Group

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Mandate of Working Group

- Within the overall framework of strengthening the collaboration and synergy between CLIC and ILC, the Beam Delivery Systems and Machine Detector Interface Working Group provides a forum where those technically responsible for the beam delivery systems and for the issues at the interface between the machines and experiments from the ILC and CLIC projects can meet and discuss issues of mutual interest.
 - The subjects treated cover everything of common importance to the machines and experiments and includes, but not limited to, the machine performance for the experiments, the design and integration of the beam delivery system and the corresponding interaction regions and experimental areas, the experimental beampipes and vacuum, the radiation shielding and monitoring, the collimation system, the beam instrumentation, the luminosity and background measurement and monitoring, the mechanical supports and stabilisation, the design of the near-beam forward detectors, the data exchange and common safety issues.
 - The Working Group will endeavour to develop and use common standards and codes and undertake common studies.
 - The Working Group reports to both the CLIC and ILC Project Managements.
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